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REPORT

STATE DOCUMENTS

of

State Electrician and Engineer

to the

GENERAL ASSEMBLY

of the State of South Carolina

AT THE REGULAR SESSION
BEGINNING JANUARY, 1938



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PRINTED UNDER THE DIRECTION OF THE
JOINT COMMITTEE ON PRINTING
GENERAL ASSEMBLY OF SOUTH CAROLINA

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REPORT

TOTAL KILOWATT HOURS CONSUMED BY VARIOUS STATE INSTITUTIONS DURING YEAR ENDING JUNE 30, 1937 AND AMOUNT PAID FOR SAME

	K. W. H.	Amount
Industrial School for Girls	20,951	\$419.02
Reformatory for Negro Boys	11,353	227.06
Confederate Infirmary	7,403	148.06
South Carolina Sanatorium	180,885	3,617.70
State Hospital	1,012,668	20,253.36
Governor's Mansion	9,288	185.76
State Capitol Building	178,301	3,566.02
State Office Building	300,380	6,007.60
World War Memorial Building	3,263	65.26
University of South Carolina	248,109	4,962.18
State Armory	642	12.84
State Penitentiary	299,293	5,985.86
State Highway Department	27,935	558.70
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Totals	2,300,471	\$46,009.42
Current Sold to State Employees		2,728.74
		<hr/>
Total Sale of Electric Current..		\$48,738.16

The above statement shows that the various State Institutions located in or near Columbia, consumed 2,300,471 Kilowatt Hours during the period July 1, 1936-June 30, 1937, which at the rate paid for same before contract was made between the State and the Power Company, would amount to \$46,009.42. Add to this \$2,728.74 sales to State Employees using current from State lines, which makes the total saving to the State for the period July 1, 1936-June 30, 1937, \$48,738.16. Deduct from this the amount of \$1,950.20 paid to Power Company, making a net saving to the State of \$46,787.96.

FINANCIAL STATEMENT

PERIOD JULY 1, 1936—JUNE 30, 1937

Balances:

Accounts Receivable	\$7,153.93
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Current Sales:

State Institutions	\$46,009.42
State Employees	2,728.74

Total to be Accounted for	\$55,892.09
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Accounted for as follows:

Paid State Treasurer	\$64,262.44
Less Amount Collected for Water	13,856.13

Accounts Receivable	5,485.78
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Total Accounted for	\$55,892.09
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TABLE NO. 1—STATEMENT SHOWING MONTHLY SETTLEMENT WITH SOUTH CAROLINA ELECTRIC & GAS COMPANY, YEAR ENDING JUNE 30, 1937

Month of Settlement	Date	Time of Highest Hour Peak Load	Gross K. W. Load	Gross H. P. Load	Net H. P. Load	Unit H. P. Settlement	Net K. W. H. Due S. C. Elec. & Gas Co.	Net K. W. Due S. C. Elec. & Gas Co. Demand Load	Amount Due S. C. Elec. & Gas Co.
1936									
July	31	10:30—11:30 A. M.	500.000	666.666	633.333	600.000	90	25.000	\$31.25
August	11	9:20—10:20 A. M.	520.000	693.333	658.667	600.000	131	44.000	55.00
September	29	9:50—10:50 A. M.	510.000	680.000	646.000	600.000	207	34.500	43.12
October	27	9:20—10:20 A. M.	602.000	802.666	762.533	600.000	1,894	121.900	152.37
November	12	9:25—10:25 A. M.	676.000	901.333	856.267	600.000	6,100	192.200	240.25
December	16	9:10—10:10 A. M.	694.000	925.000	879.067	600.000	13,152	209.300	261.62
1937									
January	28	9:30—10:30 A. M.	727.000	969.333	920.867	600.000	13,250	240.650	300.81
February	9	11:05—12:05 P. M.	625.500	870.000	826.500	600.000	6,650	169.875	212.34
March	15	10:20—11:20 A. M.	652.000	869.333	825.867	600.000	3,850	169.400	211.75
April	29	10:10—11:10 A. M.	669.000	892.000	847.400	600.000	2,100	185.550	231.94
May	5	11:00—12:00 N.	552.000	736.000	699.200	600.000	100	74.400	93.00
June	29	8:50—9:50 A. M.	572.000	762.666	724.533	600.000	1,200	93.400	116.75
Total Amount Paid S. C. Electric & Gas Co. ....	..	.....	.....	.....	.....	.....	.....	.....	\$1,950.20

TABLE NO. 2—SHOWING SALE OF ELECTRIC CURRENT FOR THE YEAR ENDING JUNE 30, 1937
TO STATE EMPLOYEES

Name of Employee	July 1936	August 1936	September 1936	October 1936	November 1936	December 1936	January 1937	February 1937	March 1937	April 1937	May 1937	June 1937	Totals
R. E. Cooper	\$21.68	\$16.44	\$16.28	\$14.88	\$8.00	\$10.84	\$11.16	\$8.24	\$10.92	\$8.88	\$12.92	\$12.92	\$153.16
H. F. Stevenson	3.56	5.60	5.72	3.54	2.94	3.60	3.48	2.73	5.04	4.86	5.01	6.87	52.95
J. S. Jones	4.40	3.24	3.24	2.76	1.44	1.92	2.08	1.60	1.80	2.88	1.88	1.60	28.84
O. A. McElroy	21.76	19.00	.....	35.20	7.32	6.12	6.04	4.52	6.28	10.28	12.48	20.36	149.36
Wm. Adams	1.00	.96	2.28	.96	1.56	1.20	.92	.84	1.36	.68	1.24	.96	13.96
L. F. Hall	5.37	5.82	6.45	5.55	3.96	5.10	4.71	5.19	9.72	7.38	6.42	8.16	73.83
Earnest Cooper	14.70	12.00	12.00	12.60	7.50	11.40	10.20	9.00	10.80	10.20	9.90	13.20	133.50
R. Farmer	12.42	11.31	9.63	12.93	9.21	12.15	11.25	8.22	10.47	10.32	9.39	13.56	130.86
H. C. Battle .....	.....	11.13	9.45	12.69	8.85	12.00	10.59	10.14	11.49	11.04	9.48	11.04	117.90
G. J. Cooper	1.12	.96	1.76	2.20	1.72	3.08	3.40	2.40	2.04	1.76	1.36	2.32	24.12
G. B. Frey	8.93	6.95	7.84	9.09	8.44	11.04	12.43	8.01	10.22	8.91	8.85	8.20	108.91
H. A. McElroy	1.28	.88	1.80	4.08	3.12	4.24	3.48	2.88	3.08	2.44	1.64	1.56	30.48
S. B. McLendon	14.37	9.48	11.25	13.83	7.98	11.46	11.94	9.03	11.52	9.15	9.27	11.73	131.01
J. S. Lomas .....	.....	3.52	2.24	1.92	1.52	2.52	2.88	1.80	1.40	2.92	3.44	4.12	28.28
O. C. Brown	1.76	1.56	1.60	2.48	1.80	2.64	2.48	2.08	2.00	1.92	1.68	1.64	23.64
McLean .....	.88	1.36	1.52	1.08	.96	1.52	1.36	1.12	1.08	.92	.84	1.00	13.64
W. C. Haile	1.68	1.68	1.64	2.32	1.96	2.68	2.60	2.00	1.84	1.52	1.04	1.60	22.56
Mr. Cooper	1.56	1.64	2.24	2.88	2.40	2.96	2.36	1.68	2.36	1.64	1.20	1.72	24.64
W. B. Guy .....	.76	.92	1.12	1.80	1.80	2.28	1.68	1.48	1.28	1.24	.76	1.04	16.16
F. M. Ellisor	1.88	1.12	1.16	1.44	1.52	2.64	1.36	.96	.68	.72	.56	.76	14.80
G. M. Day .....	.68	.80	.96	2.44	2.84	3.24	2.68	2.36	2.52	2.16	.84	.48	22.00
E. M. Dickert	3.56	4.08	3.00	3.52	4.32	6.28	4.16	3.24	3.56	3.48	2.24	2.20	43.64
R. Sisson	2.52	2.48	.....	6.92	4.28	.....	10.88	4.40	3.28	2.40	2.04	2.08	41.28
J. T. Rikard	1.40	1.88	1.72	2.36	2.76	4.16	3.24	2.60	2.48	2.52	1.88	1.72	28.72
Mr. Wingard .....	.....	1.40	1.32	1.56	1.64	1.60	1.64	1.44	1.56	1.32	.92	.92	15.32
H. T. Patterson .....	.80	1.00	.40	1.84	1.96	2.68	2.28	1.76	1.96	1.88	1.20	1.16	18.92
Dr. Austin	3.80	1.96	.32	.28	.44	1.64	.52	.48	.52	.40	.20	.....	10.56
Dr. Milling	2.08	2.48	2.52	3.08	3.64	4.08	3.48	2.80	4.20	3.36	2.08	2.32	36.12
Dr. Horger	1.00	1.40	1.60	2.40	1.84	2.88	2.12	2.24	1.64	1.44	.....	2.48	21.04
Dr. Long	2.76	2.96	2.92	3.52	3.40	3.16	2.92	2.52	2.64	2.80	2.40	3.56	35.56
Dr. Smarr	2.24	.....	8.32	4.52	3.44	3.80	3.60	3.84	3.52	3.28	2.80	3.24	42.60
Dr. Beckman	1.00	1.60	3.24	3.44	2.52	3.48	3.16	3.00	3.04	2.96	2.08	1.64	31.16
Dr. Ham	2.16	2.20	2.56	.....	7.16	4.16	3.40	2.88	2.52	2.56	1.72	1.96	33.28
Dr. Carrigan	3.96	4.04	2.52	4.72	4.00	4.28	4.72	3.64	4.08	4.80	5.64	10.32	56.72

Dr. Bullock	1.28	1.88	1.68	1.80	3.04	3.04	2.64	2.32	1.92	1.72	3.04	3.68	28.04
Dr. Mathews	1.04	.72	1.12	1.92	2.24	2.40	2.36	2.28	2.56	2.48	1.48	1.64	22.24
J. O. Hammond & J. M. Crapps	1.92	2.08	2.32	2.40	2.92	3.76	3.00	1.80	2.40	3.08	.88	1.32	27.88
Mr. Hamby	2.20	2.40	2.12	.....	10.16	5.20	4.16	3.68	4.60	4.20	2.84	1.76	43.32
Mr. McClure	1.04	.88	1.64	2.28	2.48	2.80	2.56	2.16	1.72	1.80	1.24	.96	21.56
H. C. Davis .....	.....	.....	8.32	4.28	3.20	4.52	3.96	3.64	4.08	4.12	3.36	2.36	41.84
Geo. McCutchen	6.48	5.40	4.44	4.80	3.60	5.12	4.64	4.48	4.68	5.16	5.16	5.56	59.52
F. W. Bradley	1.60	1.44	1.68	2.16	1.80	3.72	2.52	2.04	1.84	1.80	1.44	1.16	23.20
E. T. Motley .....	.76	.76	.92	1.52	.....	2.48	1.20	.....	1.88	.....	2.76	.....	12.28
A. C. Carson	1.44	.....	3.34	2.24	1.80	.....	5.48	2.20	2.08	2.28	1.64	1.20	23.70
J. Rion McKissick	9.92	6.68	7.56	8.04	4.80	6.20	7.24	5.20	5.64	6.68	6.32	5.40	79.68
G. A. Wauchope	2.04	.76	3.24	2.64	2.68	4.16	.....	5.04	2.40	2.60	2.20	1.28	29.04
M. L. Smith	5.28	4.72	4.44	4.12	2.76	4.20	3.24	2.72	3.00	.....	6.72	3.40	44.60
Bankhead & T. O. Sheppard ..	4.60	5.36	7.64	7.52	5.16	5.64	3.88	3.56	4.04	4.76	3.88	3.88	59.92
W. E. Rowe .....	.....	.....	.....	11.72	.....	.....	8.48	.....	.....	.....	10.64	.....	30.84
Geo. E. Olson	6.60	3.76	6.44	5.44	4.80	6.80	5.72	6.56	8.48	9.16	5.28	3.80	72.84
Patterson Wardlaw .....	.68	1.72	2.52	3.72	3.76	6.36	4.64	3.68	4.16	3.84	2.76	1.04	38.88
G. F. Lipscomb	6.48	.....	.....	13.48	.....	.....	13.40	4.36	.....	10.36	5.32	3.72	57.12
L. T. Baker	2.80	3.08	4.52	5.64	3.00	4.80	3.96	3.52	3.84	3.92	3.52	.....	42.60
Josiah Morse	1.72	.....	2.76	2.12	2.00	3.20	2.20	2.40	2.36	2.28	1.68	1.56	24.28
H. Babcock .....	.....	.....	4.52	4.84	3.56	3.00	4.64	3.56	4.32	4.04	4.60	.....	37.08
Stephen Tabor .....	.....	.....	4.88	5.64	4.36	6.60	5.36	4.96	5.16	5.60	4.40	.....	46.96
J. A. Stoddard	4.36	.....	3.16	4.08	3.36	5.88	4.32	3.96	3.92	3.84	3.64	4.72	45.24
W. S. Currell	3.68	3.24	4.28	5.44	4.48	6.56	4.44	4.04	3.96	4.24	3.40	3.08	50.84
A. V. Manley	1.24	3.72	3.32	2.84	1.32	1.68	3.16	2.76	3.68	3.36	3.32	5.32	35.72
Totals	\$214.23	\$192.45	\$217.48	\$295.51	\$205.52	\$254.95	\$262.40	\$202.04	\$225.62	\$226.34	\$216.92	\$215.28	\$2,728.74

TABLE NO. 2—SHOWING SALE OF ELECTRIC CURRENT FOR THE YEAR ENDING JUNE 30, 1937
TO STATE INSTITUTIONS

Name of Institutions	July 1936	August 1936	September 1936	October 1936	November 1936	December 1936	January 1937	February 1937	March 1937	April 1937	May 1937	June 1937	Totals
Industrial School for Girls	\$20.68	\$41.08	\$30.36	\$41.00	\$26.76	\$33.60	\$46.00	\$35.26	\$32.38	\$35.10	\$31.92	\$44.88	\$419.02
Reformatory for Negro Girls ..	16.16	24.94	24.12	23.00	10.54	11.70	19.70	15.10	19.02	18.34	18.44	25.50	227.06
Confederate Infirmary	9.50	10.68	10.26	13.02	14.68	18.82	14.54	14.00	13.94	12.24	7.88	8.50	148.06
S. C. Sanatoriums	339.44	266.78	351.26	345.04	261.86	330.80	369.06	245.58	270.62	271.72	240.22	325.32	3,617.70
State Hospital	1,683.78	1,746.52	1,691.10	1,735.48	1,580.76	1,853.62	1,802.50	1,599.78	1,781.36	1,574.92	1,279.70	1,923.84	20,253.36
Gov. Mansion	10.00	13.04	12.86	15.96	16.04	27.50	20.54	14.44	17.72	15.04	10.98	11.64	185.76
State Capitol Building	217.80	220.92	229.04	282.80	256.58	270.86	399.24	338.92	412.94	368.64	312.16	256.12	3,566.02
State Office Building	505.20	503.40	476.20	519.40	462.80	475.00	592.60	478.80	564.80	525.40	443.00	471.00	6,007.60
World War Memorial Bldg. ..	9.36	6.72	6.36	6.98	3.80	5.44	4.82	3.56	4.64	4.60	4.48	4.50	65.26
University of S. C.	254.86	61.40	231.34	444.52	482.36	603.42	559.48	633.12	493.66	515.50	468.08	214.44	4,962.18
State Armory .....	.68	.....	.....	.....	.....	.62	3.12	1.52	.68	1.64	1.58	3.00	12.84
State Penitentiary	362.66	431.72	420.56	488.76	595.30	658.02	529.78	598.26	583.60	523.66	435.24	358.30	5,985.86
State Highway Dept.	42.24	36.66	41.22	51.42	44.18	58.90	36.62	48.34	50.28	57.22	47.38	44.24	558.70
Totals	\$3,472.86	\$3,363.86	\$3,524.68	\$3,967.38	\$3,745.66	\$4,348.30	\$4,398.00	\$4,026.68	\$4,245.64	\$3,924.02	\$3,301.06	\$3,691.28	\$46,009.42

TABLE NO. 3—SHOWING EXPENDITURES FOR WATER FOR FISCAL YEAR ENDING JUNE 30, 1937

Institution—Department	July 1936	August 1936	September 1936	October 1936	November 1936	December 1936	January 1937	February 1937	March 1937	April 1937	May 1937	June 1937	Totals
State Capitol Building	\$43.20	\$25.25	\$16.61	\$14.36	\$1.96	\$13.70	\$14.13	\$5.39	\$3.87	\$6.89	\$9.19	\$36.13	\$190.68
State Office Building	22.78	26.25	22.38	23.45	22.61	17.95	36.02	16.21	17.17	18.46	20.25	26.76	270.29
University of S. C.	217.37	94.52	136.60	126.34	148.21	124.43	185.69	125.10	126.34	130.59	130.39	181.47	1,727.05
Football Stadium	14.53	59.07	185.69	167.74	107.32	14.59	1.18	.....	.....	.....	.....	.....	550.12
State Armory .....	.22	.45	.28	.28	.22	.11	.34	.06	.11	.06	.11	.34	2.58
State Penitentiary	199.72	227.71	202.91	223.84	238.31	207.12	337.83	175.42	167.01	112.54	136.10	288.53	2,512.04
Gov. Mansion	20.48	8.75	6.29	6.56	9.37	9.31	13.80	5.89	6.00	7.07	7.35	11.84	112.71
State Hospital	753.87	817.21	736.26	742.15	710.23	595.05	1,059.00	641.23	579.12	643.97	538.67	810.09	8,626.85
Confederate Infirmary	13.75	14.65	12.84	17.00	16.67	16.26	25.59	9.08	7.97	10.33	7.80	9.82	161.76
Totals	\$1,285.92	\$1,273.86	\$1,319.86	\$1,321.72	\$1,254.90	\$998.52	\$1,673.58	\$978.38	\$907.59	\$929.91	\$849.86	\$1,359.98	\$14,154.08
Refund of Football Stadium	600.95	600.95
Totals	\$1,072.63	\$13,553.13

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